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# NEWSLETTER OF THE HAWAIIAN BOTANICAL SOCIETY

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c/o DEPARTMENT OF BOTANY
UNIVERSITY OF HAWAII
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## KIPAHULU VALLEY

The exploration of Kipahulu Valley, Maui, by a team of biologists sponsored by The Nature Conservancy in August 1967, was one of the most thorough and significant expeditions conducted in Hawaii in recent years. Newspapers have carried accounts of some of the most interesting ornithological discoveries, but a more general account of the expedition has not been available. The Nature Conservancy has recently released a book which fills this gap:

Scientific Report of the Kipahulu Valley Expedition, Maui, Hawaii, 2 August - 31 August, 1967. Richard E. Warner, Editor. Published by The Nature Conservancy. v + 184 pp., illustrations and maps. 1968.

The report contains 12 chapters:

General Considerations, Conclusions, and Recommendations by Richard E. Warner.

A Preliminary Report on the Ecological Conditions of Kipahulu Valley, Maui by Robert E. DeWreede.

The Vascular Plants of Kipahulu Valley, Maui, by Charles H. Lamoureux.

A Preliminary Survey of the Phytogeography of Kipahulu Valley by Garrett A. Smathers.

Genetics and Evolution of Hawaiian Drosophilidae by Hampton L. Carson.

*Drosophila* Ecology Report No. 1 by Robert N. Iwamoto.

Preliminary Report on the Entomology of Kipahulu Valley, Maui, by Nixon Wilson.

The Mosses of Kipahulu Valley, Maui, by William J. Hoe.

A Note on the Lakes of Eastern Haleakala, Maui, by John A. Maciolek.

Notes on the Mammals of Kipahulu Valley, Maui, by Winston E. Banko and Nixon Wilson.

Re-discovery of Maui Nukupuu, Hemignathus lucidus affinis, and Sighting of Maui Parrotbill, Pseudonestor xanthophrys, Kipahulu Valley, Maui, Hawaii, by Winston E. Banko.

Some Observations on the Birds of Kipahulu Valley, Maui, by Richard E. Warner.

Copies of the report are available from The Nature Conservancy.

The remarkable assemblage of native Hawaiian organisms discovered in Kipahulu Valley, one of the few remaining areas in Hawaii which is relatively undisturbed by man and his activities, has prompted The Nature Conservancy to undertake a purchase option on about 500 acres of land at the mouth of Kipahulu Valley. If The Nature Conservancy is able to raise funds to purchase this land, about 8,500 additional acres, including the biologically interesting upper valley, will be give to the Conservancy for a sanctuary and nature preserve. It will be necessary to raise $592,000 within the next four years to exercise this option. The Nature Conservancy has established a Seven Sacred Pools Project Committee to raise these funds. Co-Chairmen are George I. Brown and Dr. Milton Howell, the Secretary is Mrs. H. Alexander Walker, the Treasurer is Wilson Cannon, and committee members are: Walter K. Collins, Lowell S. Dillingham, Mrs. Harold Erdman, Dr. Roland Force, Mrs. Martha Gerbode, Dr. Baron Goto, George F. Jewett, Jr., Mrs. Claire Booth Luce, Sam F. Pryor, J. A. H. Wilder, and Horace A. White. Contributions can be made to the Valley of the Seven Sacred Pools Project, The Nature Conservancy, c/o Bank of Hawaii, P. O. Box 2694, Honolulu, Hawaii 96803. (CHL)

(Editor's Note: During recent meetings of the Society, a number of amendments to the Constitution and By-Laws have been adopted. In order to inform members of these changes, the complete Constitution and By-Laws, incorporating the changes, are printed here.)

## THE HAWAIIAN BOTANICAL SOCIETY CONSTITUTION

### ARTICLE I. Name

The name of this organization shall be "The Hawaiian Botanical Society."

### ARTICLE II. Objectives

The objectives of this Society shall be:

a. To advance the science of Botany in all its applications.
b. To encourage research in Botany in all its phases.
c. To promote the botanical welfare of its members and to develop the spirit of good fellowship and cooperation among them in botanical matters.

### ARTICLE III. Membership

Section 1. The Society shall consist of active members and Honorary Members.
Section 2. Any person who is interested in Plant Life of the Hawaiian Islands is eligible for membership in this Society.

ARTICLE IV. Officers

Section 1. The officers of the Society shall be a President, a Vice-President, a Secretary, a Treasurer, and two Directors, which together shall constitute the Executive Board.

Section 2. The officers shall be elected at the Annual Meeting each year. The term of office shall be one year, or until the next Annual Meeting. However, the officers shall continue in office until their successors are elected.

Section 3. Election of all officers and directors shall be by ballot. If there is but one nominee for an elective position, it shall be the duty of the Secretary to cast the elective ballot for the nominee.

Section 4. The President or Vice-President may not succeed himself in office except as hereinafter provided (By-Laws Art. IV -- duties of Vice-President).

Section 5. No member shall hold more than one office at a time.

Section 6. If a vacancy occurs in any office except that of President, a successor thereto shall be elected at the regular meeting following that at which the vacancy has been declared.

Section 7. The officers shall perform the duties prescribed for them in Robert's Rules of Order and as may be prescribed in the By-Laws or as ordered by the Society.

ARTICLE V. Annual Meeting

Section 1. The Society year shall run from December 1 to November 30.

Section 2. The December meeting shall be known as the Annual Meeting. If unusual circumstances prevent the holding of this meeting, a special or regular meeting shall be held as soon as possible thereafter, to be designated as the Annual Meeting.

ARTICLE VI. General Prohibitions and Distribution on Dissolution

Section 1. General Prohibitions. Notwithstanding any provision of the Constitution or By-Laws which might be susceptible to a contrary construction:

a. The Hawaiian Botanical Society shall be organized exclusively for scientific and educational purposes;
b. The Hawaiian Botanical Society shall be operated exclusively for scientific and educational purposes;
c. No part of the net earnings of The Hawaiian Botanical Society shall or may under any circumstances inure to the benefit of any private shareholder or individual;
d. No substantial part of the activities of The Hawaiian Botanical Society shall consist of carrying on propaganda, or otherwise attempting to influence legislation;
e. The Hawaiian Botanical Society shall not participate in, or intervene in (including the publishing or distributing of statements) the political campaign on behalf of any candidate for public office;
f. The Hawaiian Botanical Society shall not be organized or operated for profit; it is the intention that The Hawaiian Botanical Society shall be organized and operated exclusively for scientific and educational purposes within the meaning of Section 501 (c) (3) of the Internal Revenue Code of 1954;

ARTICLE VI. Section 1 - continued

g. The Hawaiian Botanical Society shall not:
1) lend any part of its income or corpus, without the receipt of adequate security and a reasonable rate of interest to;
2) pay any compensation, in excess of a reasonable allowance for salaries or other compensation for personal service actually rendered to;
3) make any part of its services or any other property, for more than adequate consideration in money or money's worth from;
4) make any purchase of securities or any other property, for more than adequate consideration in money or money's worth from;
5) sell any securities or other property for less than adequate consideration in money or money's worth to; or
6) engage in any other transactions which result in substantial diversions of its income or corpus to; any officer, member of the Executive Board, or substantial contributor to The Hawaiian Botanical Society.

The prohibitions contained in this subsection (g) do not imply that The Hawaiian Botanical Society may make such loans, payments, sales or purchase to anyone else, unless such authority be given or implied by other provisions of the Constitution or By-Laws.

Section 2. Distribution on Dissolution. Upon dissolution of The Hawaiian Botanical Society, the Executive oard shall distribute the assets and accrued income to one or more organizations as described in Section 501(c)(3) of the Internal Revenue Code of 1954 as determined by the Executive Board, but which organization or organizations shall meet the limitations prescribed in subsections (a) - (g) inclusive, of Section 1, Article VI, immediately preceding.

ARTICLE VII. Amendment

This Constitution may be amended at any regular meeting of the Society by a two-thirds vote of all members present, provided that the amendment has been presented at the previous regular meeting.

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THE HAWAIIAN BOTANICAL SOCIETY BY-LAWS

ARTICLE I. Membership

Section 1. Any person interested in the objectives of this Society may be admitted to active membership upon presentation of an appropriate application to a member of the Membership Committee and upon payment of dues for one year. The Membership Committee shall present the names of new members to the Society at its next regular meeting.

Section 2. The title of Honorary Member may be conferred on any person whose achievements in Botany and related sciences in the Islands may be considered as entitled to such special recognition. An Honorary Member shall be entitled to all the privileges of membership. Election to Honorary Membership shall be as hereinafter provided.

ARTICLE I. - continued

Section 3. Nomination to Honorary Membership shall be made in writing to any member of the Executive Board before the person so nominated may be eligible for election. The Secretary shall report the name of the eligible nominee to the Society. Election of a candidate for Honorary Membership shall be at any regular meeting and shall require a two-thirds vote by ballot of the members present. Persons elected to Honorary Membership shall be so notified in writing by the Secretary of the Society.

Section 4. Any member, for a reason satisfactory to the Society, may be dropped from the membership roll by a two-thirds vote of the members present at any regular meeting.

ARTICLE II. Meetings

Section 1. Regular meetings shall be held the first Monday of each month where such Monday is not a legal holiday, except during the months of July, August and September, and except as hereinafter provided.

Section 2. Field trips may be made in place of regular meetings at a time and place decided by the Society at a previous regular meeting.

Section 3. Special meetings may be called by the President, or by the Executive Board, or on the request of nine (9) active members.

Section 4. A botanical program shall be a feature of every regular meeting.

Section 5. Programs may be presented at regular meetings even though a quorum be not present.

Section 6. A quorum for the transaction of Society business shall consist of thirteen (13) members. A quorum of the Executive Board shall consist of three (3) members, one of whom shall be either the President or the Vice-President.

ARTICLE III. Order of Business

The order of business shall be:

1. Introduction of guests.
2. Reading and approval of Minutes of the Previous Meeting.
3. Reports of officers, Executive Board, and Standing Committees.
4. Reports of Special Committees.
5. Unfinished business.
6. New business.
7. Scientific program.

ARTICLE IV. Duties of Officers

The President shall preside at the meetings of the Society, perform other duties provided for in these By-Laws, and carry out such other functions as usually pertain to the chief officer of such a Society. At the regular meeting in October, or two months before the Annual Meeting, he shall appoint an Auditor and a Nominating Committee.

The Vice-President shall perform the functions of the President in the absence or incapacity of the latter. In the event of the resignation or death of the President, the Vice-President shall become President for the unexpired portion of the term. He is not thereby rendered ineligible for a full term as President (See Constitution

ARTICLE IV, Sec. 4).

The secretary shall be the custodian of the records and papers of the Society, shall keep a record of the proceedings of the Society, shall furnish advance written notice of all meetings to the membership and shall present a written Annual Report of the year's activities at the Annual Meeting. He shall deposit all permanent records of the Society at the Library of the University of Hawaii.

The Treasurer shall receive the funds of the Society, keep a detailed account of the receipts and expenditures and render a written report of the Annual Meeting. He shall provide a list of members in good standing at the Annual Meeting.

ARTICLE V. Executive Board

The President, Vice-President, Secretary, Treasurer, and two Directors shall constitute the Executive Board. The Executive Board shall plan the programs of the meetings and execute the mandates of the Society.

ARTICLE VI. Committees

Section 1. Membership Committee. Directly after the Annual Meeting, the President shall appoint a Membership Committee composed of three members.

Section 2. The Nominating Committee shall present its report one month before the Annual Meeting.

Section 3. The Auditor shall audit the books of the Treasurer and shall report the findings to the Society at the first meeting subsequent to the Annual Meeting.

Section 4. Other committees may be appointed as directed by the Society or by the Executive Board.

ARTICLE VII. Dues

Section 1. The annual dues of active members shall be three dollars ($3.00); the dues of active members who are duly registered students in a bona fide educational institution shall be two dollars ($2.00). Dues shall be payable on December 1 or upon subsequent request of the Treasurer. Any new member paying his first year's dues between September 1 and November 30 shall be considered a paid-up member throughout the subsequent Society year. Only members in good standing shall be eligible to vote on any question brought before the Society.

Section 2. Honorary Members shall be exempt from payment of dues.

Section 3. Any member in arrear of dues six months after the start of the Society year, provided the Treasurer shall have sent him a second notice of dues, may be dropped from the rolls at the discretion of the Executive Board upon recommendation of the Treasurer.

Section 4. Special cases for reduction or remission of dues not included in the foregoing provisions may be decided by the Society at any regular meeting.

ARTICLE VIII. Parliamentary Authority

Robert's Rules of Order shall govern the Proceedings of the Society, except in such cases as are covered in the Constitution, and By-Laws or as ordered by the Society.

ARTICLE IX. Amendment

These By-Laws may be amended at any regular meeting of the Society by a two-thirds vote of all members present, provided that the amendment has been submitted and read at the previous regular business meeting.

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## RECENT PACIFIC PUBLICATIONS

BLUMENSTOCK, DAVID I. & SAUL PRICE. 1967. Climates of the States, Hawaii. U. S. Dept. of Commerce, E. S. S. A. Environmental Data Service, Climatography of the United States No. 60-51. 27 pp.

CHERVIN, RUTH E., GLADYS E. BAKER, & HANS R. HOHL. 1968. The ultrastructure of phybociont and myobiont in two species of Usnea. Canadian Jour. Bot. 46:241-245, 3 pl.

CHOCK, ALVIN K. 1968. Hawaiian Ethnobotanical Studies I. Native food and beverage plants. Econ. Bot. 22:221-238.

DEGENER, OTTO & ISA DEGENER. 1967. Partial review of Doty & Mueller-Dombois' "Atlas", and new taxa in Hawaiian Rubiaceae, II. Phytologia 15: 42-52.

DEGENER, OTTO & ISA DEGENER. Flora Hawaiiensis or New Illustrated Flora of the Hawaiian Islands. The following sheets have been published as part of Book 7:
17a:Adenophorous:Sarmentosus. 6/1/67
D. Marie C. Neal (1889-1965). 1/25/68
12: Lindsacea: Macraeana. (2 sheets) 1/25/68
17b: Elaphoglossum. 1/25/68
17c: Sadleria:Unisora. 1/25/68
47: Heteropogon:Contortus. (2 sheets) 1/25/68
167:Rubus:Ellipticus. 1/25/68

FRIEND, D. J. C. 1968. Photoperiodic responses of Brassica campestris L. cv. Ceres. Physiol. Plantarum 21: 990-1002.

GILMARTIN, AMY JEAN. 1968. Baker's Law and dioecism in the Hawaiian flora: an apparent contradiction. Pacific Science 22: 285-292.

HANSEL, R. 1968. Characterization and physiological activity of some kawa constituents. Pacific Science 22: 293-313.

HOLLENBERG, GEORGE J. 1968. An account of the species of Polysiphonia of the central and western tropical Pacific Ocean. I. Oligosiphonia. Pacific Science 22:56-98.

HOLLENBERG, GEORGE J. 1968. An account of the species of the red alga Polysiphonia of the central and western tropical Pacific Ocean. II. Polysiphonia. Pacific Science 22: 198-207.

HOLLENBERG, GEORGE J. 1968. An account of the species of the red alga Herposiphonia occurring in the central and western tropical Pacific Ocean. Pacific Science 22: 536-559.

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# HAWAIIAN BOTANICAL SOCIETY

c/o Department of Botany, University of Hawaii
2450 Campus Road, Honolulu, Hawaii 96822

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THE HAWAIIAN BOTANICAL SOCIETY NEWSLETTER is published in February, April, June, October, and December. It is distributed to all Society members with the purpose of informing them about botanical news and progress in Hawaii and the Pacific. News contributions and articles are welcomed.

THE HAWAIIAN BOTANICAL SOCIETY was founded in 1924 to "advance the science of Botany in all its applications, encourage research in Botany in all its phases," and "promote the welfare of its members and to develop the spirit of good fellowship and cooperation among them." "Any person interested in the plant life of the Hawaiian Islands is eligible for membership in this Society."

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HAWAIIAN BOTANICAL SOCIETY
c/o Department of Botany
University of Hawaii
2450 Campus Road
Honolulu, Hawaii 96822

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